

AMENDMENTS TO THE DRAWINGS

Applicant has submitted replacement sheets to replace the originally filed drawings.

Attachments: Replacement Sheet

Annotated Sheet Showing Changes

REMARKS/ARGUMENTS

Applicant has reviewed and considered the Office Action dated June 8, 2005 and the references cited therein. In response thereto, the drawings and specification are amended; claims 6-11 are canceled without prejudice or disclaimer; and new claims 12-16 are added. As a result, claims 12-16 are pending in the present application.

The drawings are objected to as the reference numbers and reference characters are not shown. The drawings and the specification are amended to overcome the objections. The marked-up amended drawings and replacement sheets are attached herewith.

The specification is objected to because of informalities. The specification is amended to overcome the objections, and a substitute specification is attached herewith as required. Applicant respectfully submits that no new matter is introduced in the substitute specification.

Claims 6-8 and 10-11 are rejected under 35 U.S.C. 112; first paragraph. Claims 6-8 and 10-11 are canceled without prejudice or disclaimer, and new claims 12-16 overcome the rejections.

Claims 6-8 and 10-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Carter et al. (US Patent No. 4,063,485). Applicant respectfully traverses the rejection for at least the following reasons.

New claim 12 recites a group firing system, comprising: a plurality of fireworks units, each including a plurality of firing shot tubes, the firing shot tubes having a first firing shot tube and a final firing shot tube, the firing shot tubes connected with each other through a plurality of inner fuses; and wherein a lower fuse tube and an upper fuse tube are disposed in each of the fireworks units; each end of the lower and upper fuse tubes has a socket, the fuse tubes connected to each other with a plurality of soft fuse hoses inserted in the sockets for forming a fireworks group, each of the soft fuse hoses containing a plurality of outer fuses; and a first fuse is provided in the lower fuse tube, and a final fuse is provided in the upper fuse tube, in which the first fuse linked with the inner fuse from the first firing shot tube and the final fuse linked with the inner fuse from the final firing shot tube.

Carter discloses a decoy launcher system for providing a protective cover against homing devices operating upon infrared, sound navigation and ranging, and/or microwave-reflected energy. More particularly, the launcher system is a nine round portable system wherein the decoy rounds are selectively fired manually by nine pushbuttons located in the control box. However, Carter does not disclose or teach a fireworks system as recited in claim 12. Carter's launcher system consists generally of a nine tube launcher assembly, a firing cable and a power control unit. Each tube in the launcher assembly is connected to the power control unit by the firing cable. By depressing the pushbuttons S1-S9, the rounds are fired. Therefore, Carter discloses a launcher system that is used for firing the fireworks, not the fireworks system or the improvements of the fireworks system thereof. On the contrary, the claimed invention provides the fireworks units that are connected by the outer fuses in series or in parallel attached fashion and fired without any power control unit. Nowhere in Carter does it disclose or teach that the lower and upper fuse tubes with the fuse are positioned in the shot tube for connecting to the inner fuse from the shot tubes.

Accordingly, Applicant respectfully submits that claim 12 patentably distinguishes over Carter.

Claims 13-16 also include the features discussed above. Thus, claims 13-16 are patentable over Carter for at least the same reasons.

In light of the above, it is respectfully submitted that the present application is in condition for allowance. Reconsideration of the present application and a favorable response are respectfully requested.

If a telephone interview would be helpful in resolving any remaining issues, please contact the undersigned at 612-752-7367.

Respectfully submitted,

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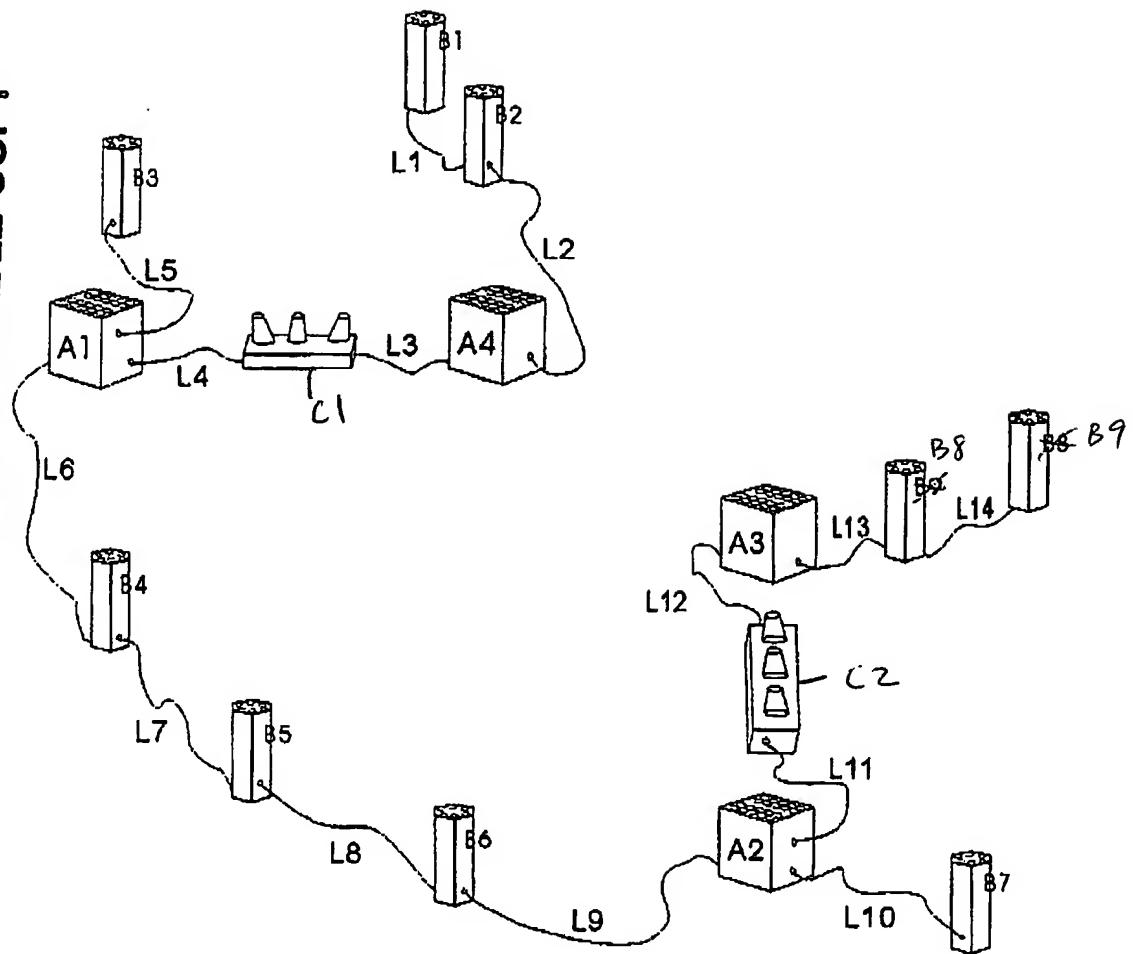


Figure 1

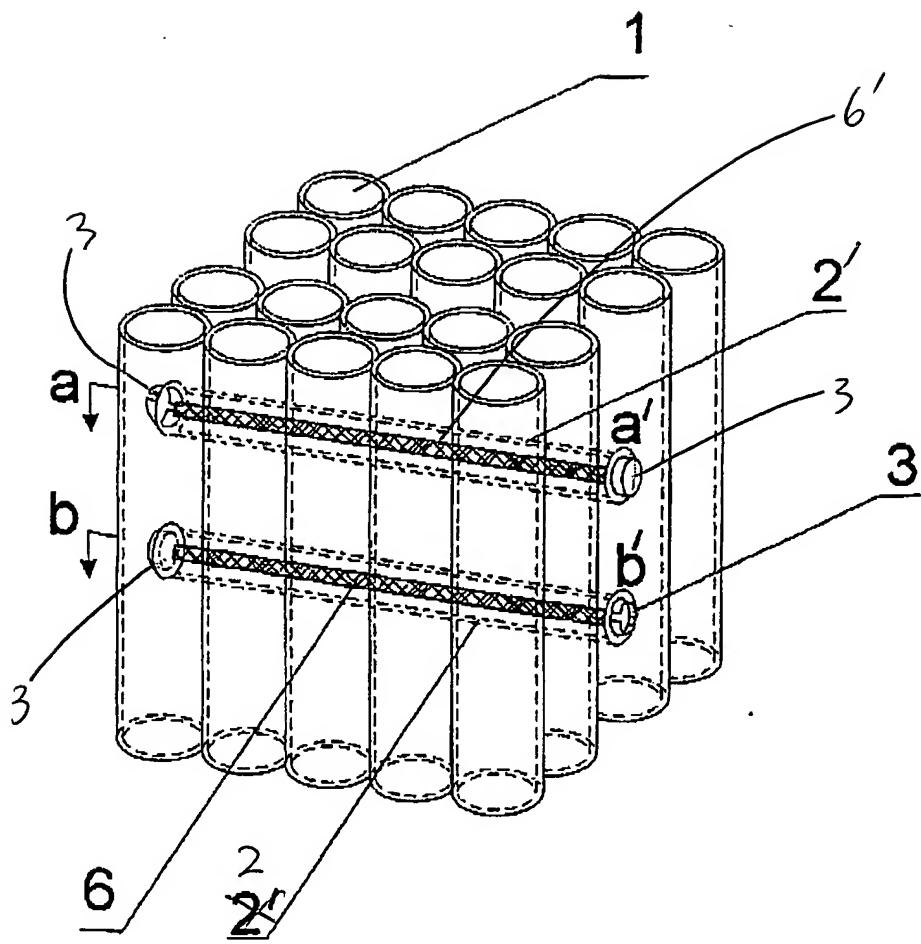


Figure 2

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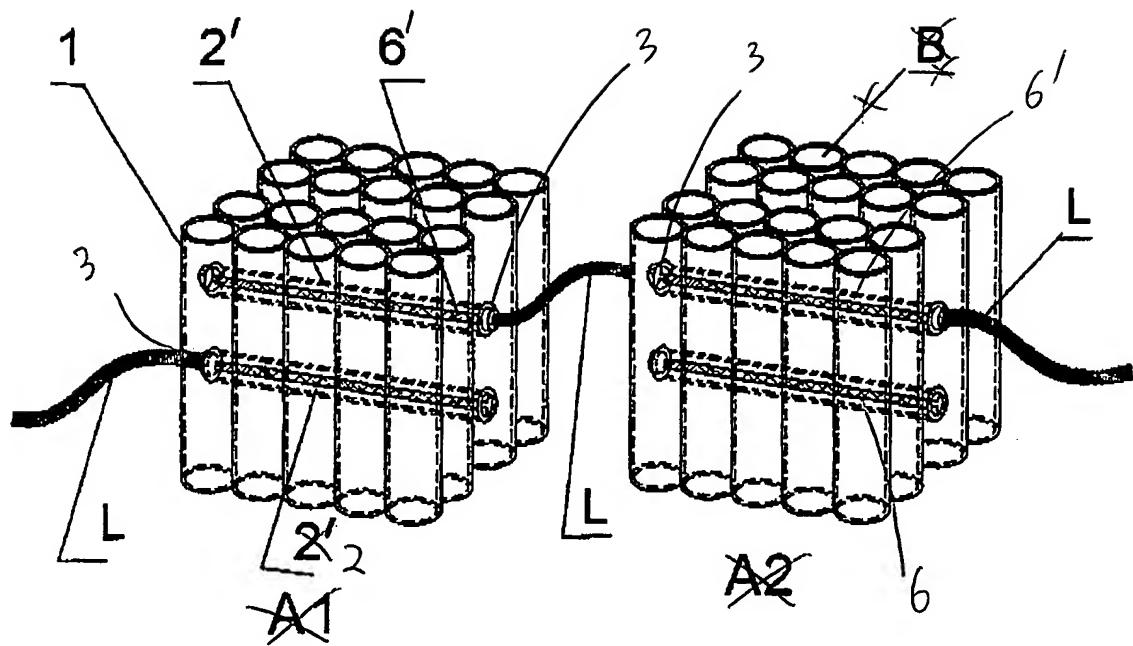


Figure 3

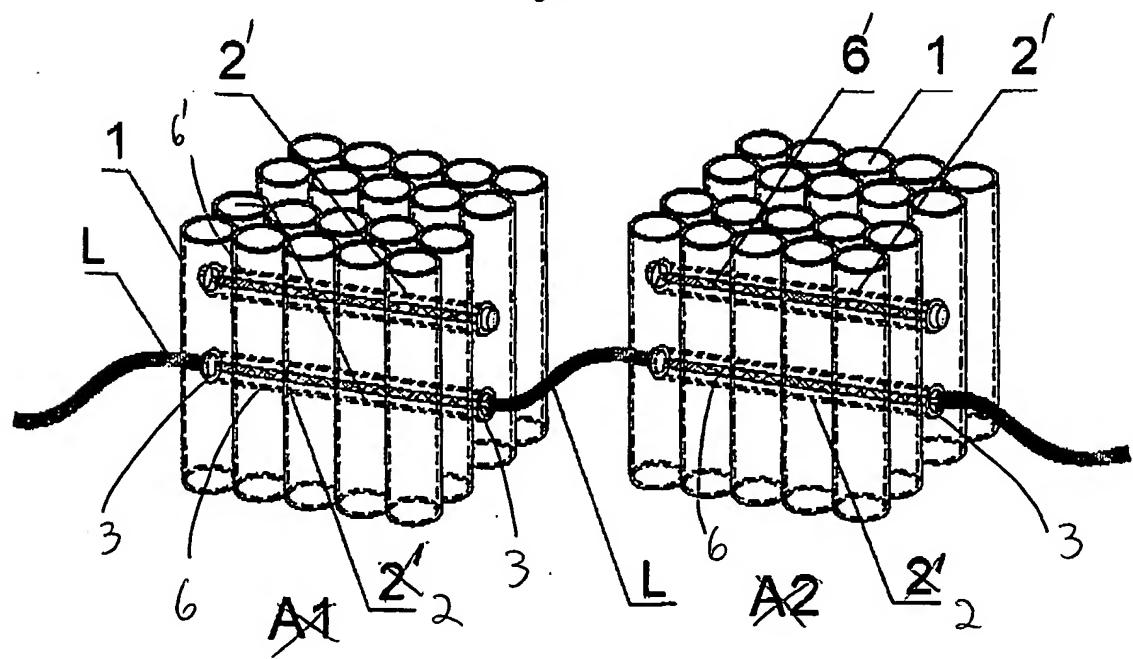


Figure 4

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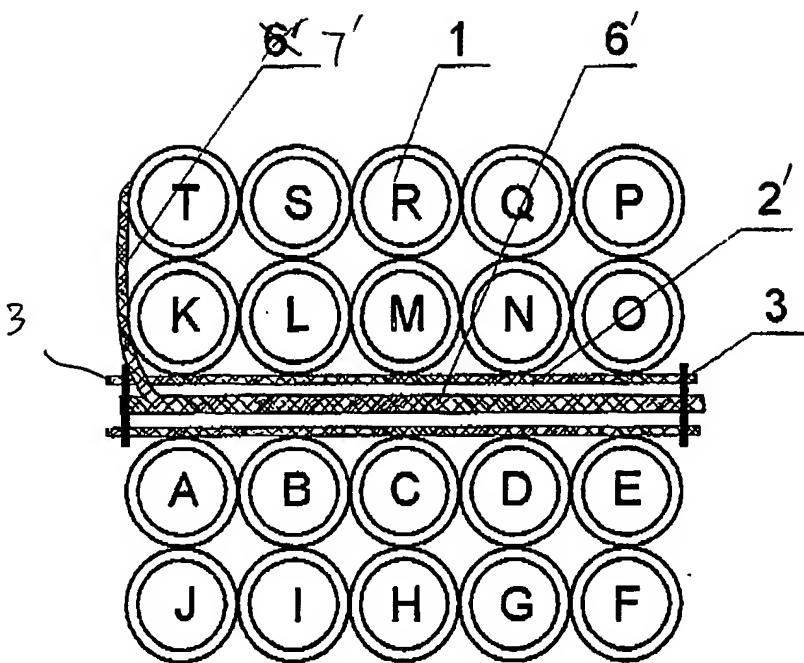


Figure 5

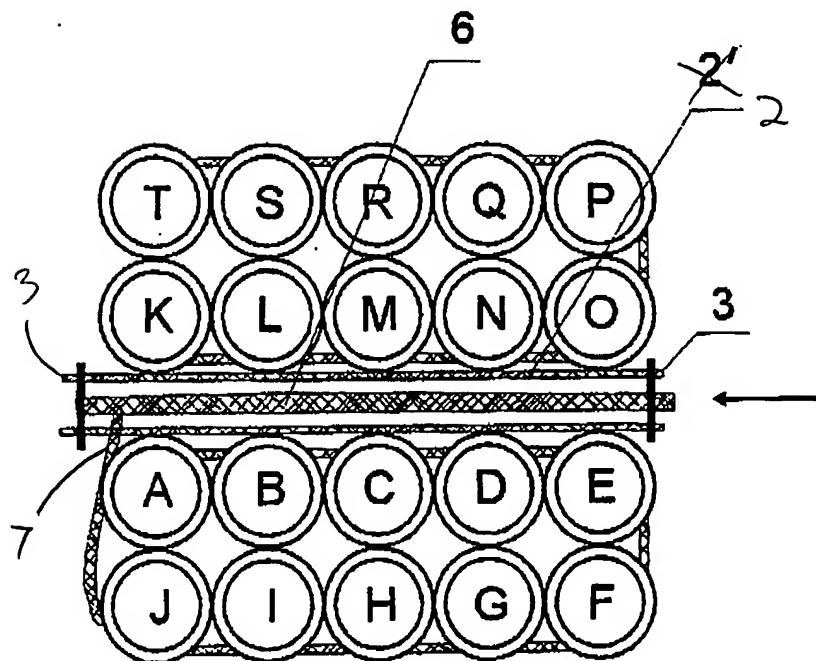


Figure 6

Best Available

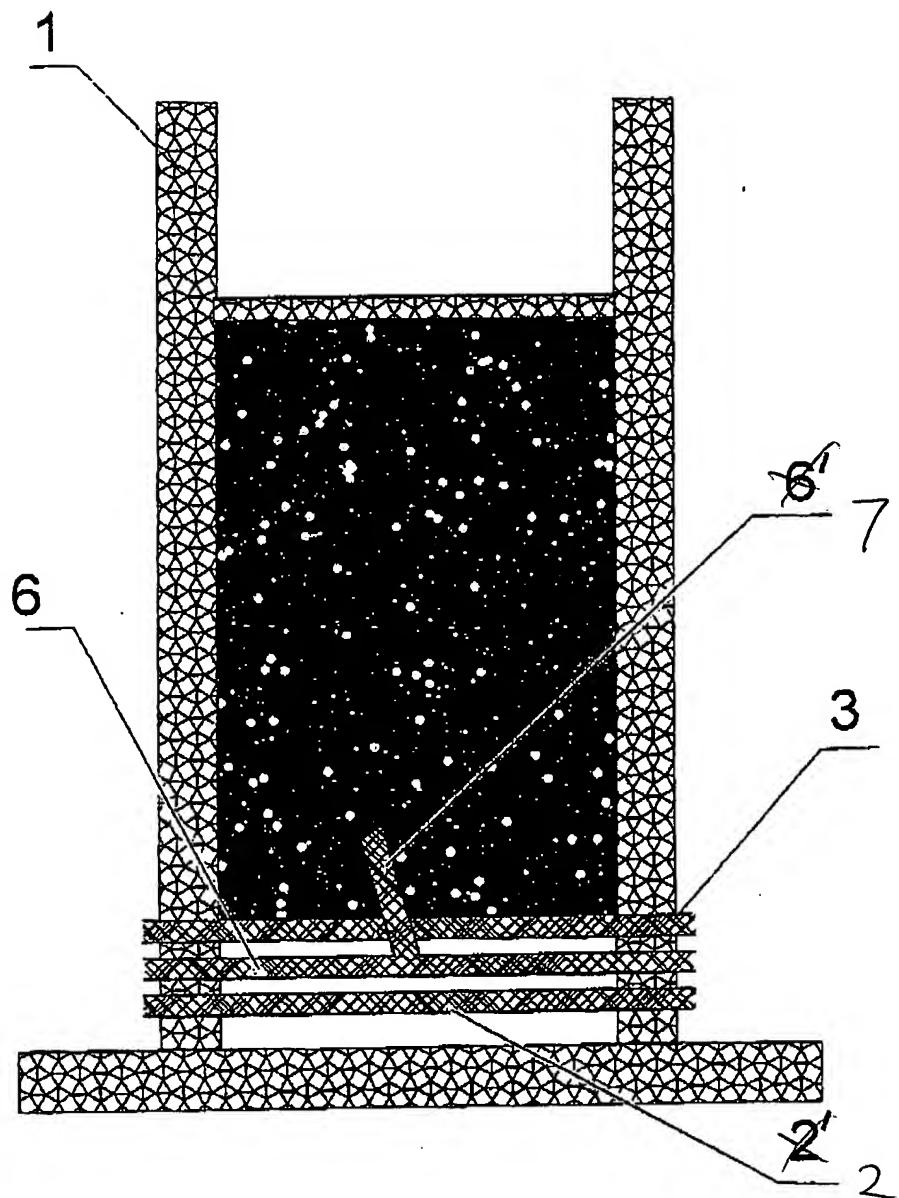


Figure 7